



FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,654.00

Complete if Known

Application Number 10/628,134-Conf. #4521
Filing Date July 25, 2003
First Named Inventor Kazuo Yamamoto
Examiner Name Not Yet Assigned
Art Unit N/A
Attorney Docket No. 09852/000N081-USO

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number

04-0100

Deposit Account Name

Darby & Darby P.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | 770.00 |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$) 770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|---------------|
| 34 | -20** = 14 | x 18 = | 252.00 |
| Independent Claims | 5 | -3** = 2 | x 86 = 172.00 |
| Multiple Dependent | | 290.00 = | 290.00 |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 714.00

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | 130.00 |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

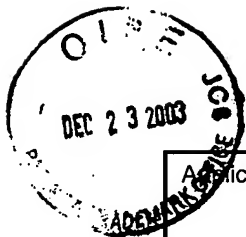
SUBTOTAL (3) (\$) 170.00

SUBMITTED BY

(Complete (if applicable))

Name (Print/Type) Louis J. DelJuidice Registration No. (Attorney/Agent) 47,522 Telephone (212) 527-7791
Signature *Marie Gilfillan* 44085 Date December 23, 2003
MARIE GILFILLAN

Express Mail Label No. E 34006410445 Dated: 12-23-03



Application No. (if known): 10/628,134

Attorney Docket No.: 09852/000N081-US0

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 340064104 in an envelope addressed to:

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on December 23, 2003
Date

Signature

PATRICIA A. RUBIO

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Response to Notice to File Missing Parts of Application (2 pages);
Fee Transmittal (1 page);
A copy of Notice to File Missing Parts of Non-provisional (2 pages);
Combined Declaration and Power of Attorney (1 page);
Assignment (and Recordation Form Coversheet) (3 pages);
Claim for Priority and a certified copy of priority document; and
Check No. 3695 in the amount of \$1,654.00.



DECLARATION
AND POWER OF ATTORNEY
Original Application

ATTORNEY'S DOCKET NO. (IF ANY)

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 201 below, or a joint inventor if plural inventors are named below at 201-203, of the invention entitled:

BONDING STRUCTURE AND BONDING METHOD FOR CEMENTED CARBIDE ELEMENT AND DIAMOND ELEMENT,

CUTTING TIP AND CUTTING ELEMENT FOR DRILLING TOOL, AND DRILLING TOOL

which is described and claimed in:

☐ the attached specification or ☒ the specification in application Serial No. 10/628,134 filed July 25, 2003
(for declaration not accompanying application)

that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with 37 CFR 1.56(a), and that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America except as identified below. I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION

| COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED UNDER 35 U.S.C. 119 |
|---------|--------------------|--------------------------------------|---|
| Japan | P2002-217433 | 26, 07, 2002 | Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| Japan | P2003-088130 | 27, 03, 2003 | Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| Japan | P2003-088131 | 27, 03, 2003 | Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/> |
| Japan | P2003-088132 | 27, 03, 2003 | Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/> |

ALL FOREIGN APPLICATIONS, IF ANY, FILED MORE THAN 12 MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION

| | | | |
|--|--|--|--|
| | | | |
| | | | |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Morris Relson #15,108, Gordon D. Coplein #19,165, William F. Dudine, #20,569, Michael J. Sweedler #19,937, S. Peter Ludwig #25,351, Paul Fields #20,298, Joseph B. Lerch #26,936, Melvin C. Garner #26,272, Ethan Horwitz #27,646, Beverly B. Goodwin #28,417, Adda C. Gogoris #29,714, Martin E. Goldstein #20,869, Bert J. Lewen #19,407, Henry Sternberg #22,408, all of the firm of Darby & Darby P.C., 805 Third Avenue, New York, New York 10022

SEND CORRESPONDENCE TO:

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| | | | |
|-------------------------|--|-----------------------------------|-------------------------------------|
| FULL NAME OF INVENTOR | LAST NAME YAMAMOTO | FIRST NAME Kazuo | MIDDLE NAME |
| RESIDENCE & CITIZENSHIP | CITY Naka-gun | STATE OR FOREIGN COUNTRY Japan | COUNTRY OF CITIZENSHIP Japanese |
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| POST OFFICE ADDRESS | POST OFFICE ADDRESS c/o MITSUBISHI MATERIALS CORPORATION, Central Research Institute, Naka Research Center, 1002-14, Mukaiyama, Naka-cho, Naka-gun, Ibaraki-ken, Japan | | |

Additional matter on page 2 (Form PTO-1298). (When page 2 is used, all signatures should be placed on page 2.)

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements jeopardize the validity of this application or any patent issuing thereon.

| | | |
|--|---|---|
| SIGNATURE OF INVENTOR 201 <u>Kazuo Yamamoto</u> | SIGNATURE OF INVENTOR 202 <u>Tadakazu Ohashi</u> | SIGNATURE OF INVENTOR 203 <u>Eko Wardoyo</u> |
| DATE November 28, 2003 | DATE November 28, 2003 | DATE November 28, 2003 |